



CLARK COUNTY DEPARTMENT OF BUILDING

Field Inspection Guideline



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| SUBJECT: Gypsum Board Attachment | | | FIG-B-016 |
| Effective Date: July 15, 2009 | Revised: June 5, 2014 | Approved By: BAT | |
| Code Chapter: 2012 IRC Section 702.3.5 | | | Page 1 of 1 |

Interpretation:

IRC Section 702.3.5 provides requirements for attaching gypsum board to framing members, with expanded requirements provided in Table 702.3.5. The IBC does not list requirements but provides references to ASTM standards. One referenced standard, "C840 Application and finishing of gypsum board" provides the same information for attachment of gypsum board as written in IRC Section 702.3.5. This standard provides information that allows an alternate nailing pattern in the corner where the ceiling and wall intersect.

ASTM C840 states:

19.2 *Ceilings* -The first fastener into each ceiling framing member framed perpendicular to the intersection shall be located 7 in. out from the wall intersection for single nailing, and 11 to 12 in. for double nailing or screw application.

19.3 *Walls* - Gypsum board shall be applied on the walls so as to provide support for the floated edges of the ceiling gypsum board. The top fastener into each vertical framing member shall be located 8 in. down from the ceiling intersection for single nailing and 11 to 12 in. for double nailing, or screw application.

Field Application:

Gypsum board installation may be per the IRC code requirements of section 702.3.5 or ASTM C840 as both are approved attachment methods.

Revision History:

| Reference# | Title | Effective Date | Revised | Reviewed |
|------------|-------------------------|----------------|--------------|----------|
| FIG-B-016 | Gypsum Board Attachment | July 15, 2009 | New | |
| FIG-B-016 | Gypsum Board Attachment | | June 5, 2013 | |